

### W.S.I.T.

WEAPON SYSTEM IMPACT TOOL





## Reasons Why We Developed

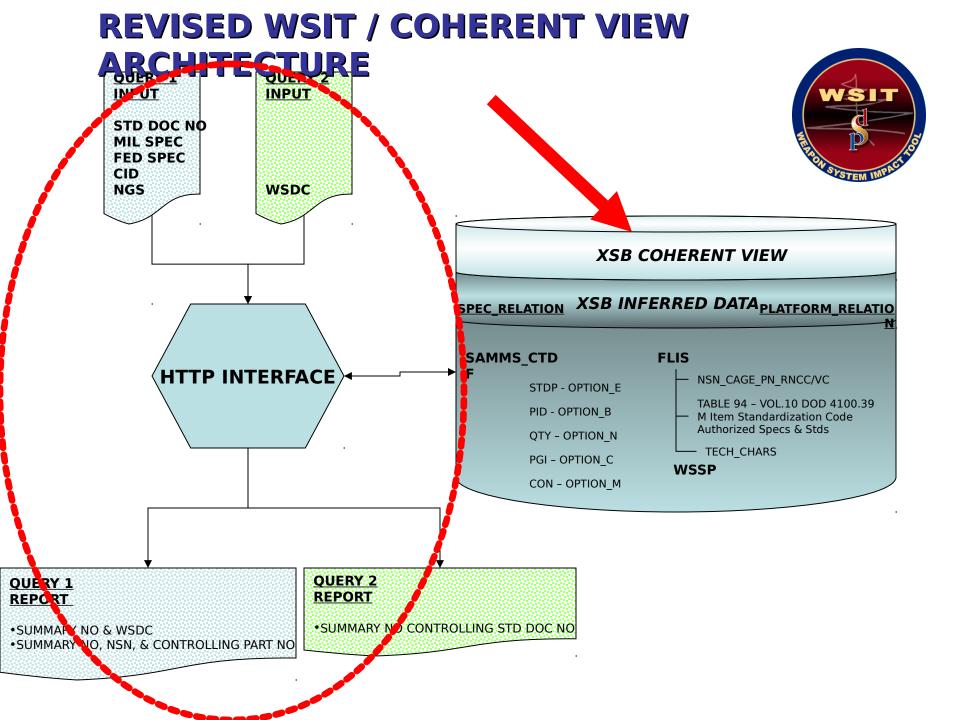


- Allows the PA or Management to see which Weapon Systems utilize a specific document.
- Allows the identification of the user of the document and enhance the coordination cycle.
- Allows for Resource Analysis/Allocation/ on individual documents or a group of documents.

#### Initial Requirements

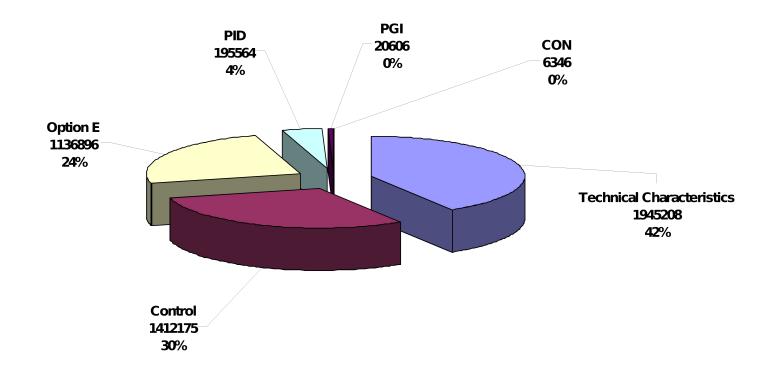


- Query by standardization document number MilSpec, FedSpec, commercial item description (CID), and non-government standard (NGS) for the following information:
  - Summary number and list of affected weapon systems
  - Summary number and list of referenced NSNs and controlling part number
- Query by weapon system for:
  - Summary number and list of controlling standardization document numbers



# Sampling by Source of Data



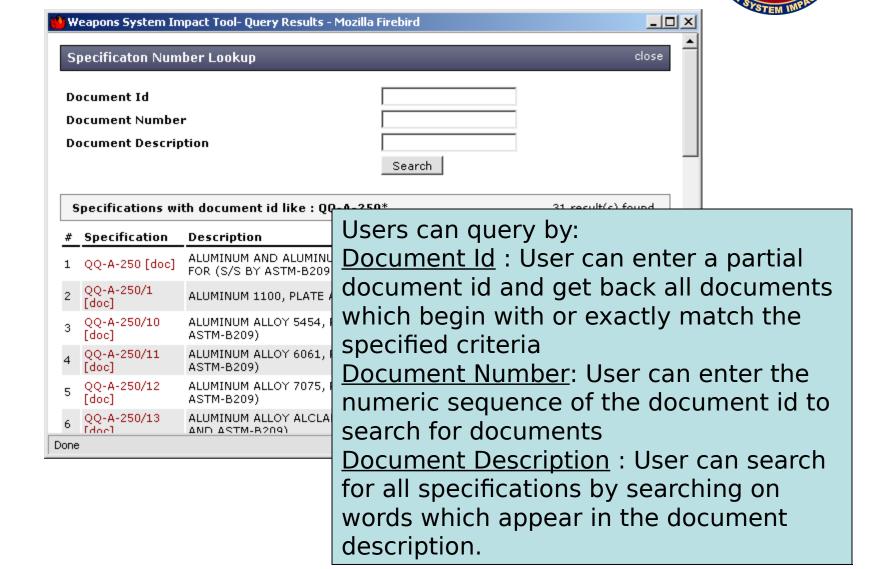


# Weapons System Lookup



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W	eapon System Designator Code	Lookup	close
W	eapons System Designation Cod	e	
De	escription		
Se	rvice		Navy
W	eapon System Type		Aircraft 🔻
			Search
N	avy weapon systems AND Weap	ons systen	ns of type: Aircraft 194 result(s) found.
#	Weapons System Designation Code	Descriptio	The Weapon System Lookup feature
1	04N	PROTECTE	
2	10N	AIRCRAFT,	·
3	11N	EXPEDITIO	<u>Service</u> : The service which operates
4	16N	AIRCRAFT,	the weapons platform
5	17N	AIRCRAFT,	·
6	18N	AIRCRAFT,	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
7	20N	AIRCRAFT,	<u>Description</u> : Description of the
one			· ·
			weapons system e.g. "F-14"
			<u>WSDC</u> : The code it self.

#### Specifications Lookup



#### WSDC Query



V	W.S.I.T Weapons System Impact Tool  Account   Log Out			
		W.S.I.T. Query Specifications Document Number Weapon Systems Designation Code Minimum NSN References	WSDC query allows the view all the different specifications which a parts of a weapons sy	affect the
		✓ ALL □ USAF □ ARMY □ U	sn 🗆 usmc	
		Query Reset		
-	tesults 1 - 50 of 71 Veapons System D	74 esignation Code : 10N :: AIRCRAFT, TOMCAT F-1		vnload
#	Specification	Description	No. of NSN Reference	
1	MIL-STD-130 [doc]	IDENTIFICATION MARKING OF U.S. MILITARY PROP	ERTY [8849]	
2	QAP-001 [doc]	No description found.	[5300]	
3	QQ-P-416 [doc]	PLATING, CADMIUM (ELECTRODEPOSITED)	[4848]	
4	MIL-G-45204 [doc]	GOLD PLATING, ELECTRODEPOSITED (S/S BY SAE-	AMS2422) [2719]	

#### Spec Query



W.S.I.T	Weapons System Impact Tool
	Account   Log Out
W.S.I.T. Query  Specifications Document Number QQ-A-250/11  Weapon Systems Designation Code   Minimum NSN References  ALL USAF ARMY VUSN U	Users also have the option to specify a specification and retrieve all weapons systems affected.
Ouery Reset	•

Results 1 - 100 of 277

Specifications Document Number: QQ-A-250/11::ALUMINUM ALLOY 6061, PLATE AND SHEET (S/S BY SAE-AMS-QQ-A-250 AND ASTM-B209)

#	Weapons System Designation Code	Description	No. of NSN References
1	43N	AIRCRAFT, HORNET F/A-18	[588]
2	10N	AIRCRAFT, TOMCAT F-14	[297]
3	YLN	HELICOPTER, SEAHAWK, H-60	[281]
4	55N	AIRCRAFT, HARRIER AV-8B	[228]

#### **NSN** Query



When the user clicks on the NIIN count or enters both a specification number and a WSDC WSIT returns all NSNs in the weapon system affected by the specified query. Along with the NSN relationship and source information is also provided.

		Weapons System Impact Tool
		Account   Log Out
W.S.I.1	. Query	
Document Number	QQ-A-250/11	🔦 Spec Lookup
ns Designation Code	10N	🔍 🕓 WSDC Lookup
References		
Z ALL 🗆 USAF 🗆 A	RMY USN I	USMC
Query	Reset	
		Download
		061, PLATE AND SHEET (S/S BY n Code: 10N:: AIRCRAFT, TOMCAT F-14

#	Federal Supply Code (FSC)	National Item Identification Number (NIIN)	Relationship {RNCC,RNVC}	Source
301	6610	013004537		Technical Characteristics
302	6615	004093137		Technical Characteristics
303	6625	014462544		Technical Characteristics
304	6695	011359201		Technical Characteristics
305	9535	002506907		Option E
306				Technical Characteristics
307			{3,1} Controlling specification	FLIS Segment C: Reference Number Cage Data
308			{5,2} Secondary item identifying reference number	FLIS Segment C: Reference Number Cage Data

#### Login Screen



W.S.I.T		Weapons System Impact Tool
Hello, 131.70.144.126		XSB, Inc.   Defense Standardization Program
	User Name Password  Login Reset	

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#### Query Screen



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Weapons System Impact Tool - WSDC Lookup - Microsoft Internet Explorer	_ 6  <u>-</u>			
Weapon System Designator Code Lookup	close			
Weapons System Designator Code Description Service Weapon System Type	Search			
Notes :  Searching by WSDC: WSIT will return all weapons systems with the specifie Searching by Service: WSIT will return all weapons systems associated with	ed letters in their WSDC. th the specified service.			
<ul> <li>Searching by Description: WSIT will return all weapons systems which contain the specified values in their description.</li> <li>Searching by Type: WSIT will return all weapons systems of the specified type.</li> <li>Use of wildcards is unnecessary.</li> </ul>				
<ul> <li>Please note that you can enter search criteria in more than one search f conditions. If your search does not yield the results you expected, please try</li> </ul>				
Follow the help LINK for more examples and documentation.				
Help   Privacy Statement   Terms of Use	e   508 Compliance   Feedback			
Notes:  Searching by WSDC: WSIT will return all weapons systems with the specific Searching by Service: WSIT will return all weapons systems associated wit Searching by Description: WSIT will return all weapons systems which conton Searching by Type: WSIT will return all weapons systems which conton Searching by Type: WSIT will return all weapons systems of the specified to Use of wildcards is unnecessary.  Please note that you can enter search criteria in more than one search for conditions. If your search does not yield the results you expected, please try  Follow the help LINK for more examples and documentation.	ed letters in their WSDC. th the specified service. tain the specified values in their description. type. field; however, WSIT will then only return results that satisfy all of the y again using only one search criteria.			



Weapons System Impact Tool - WSDC Lookup - Microsoft Internet Explorer	_ B X
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Notes:  Searching by WSDC: WSIT will return all weapons systems with the specific Searching by Service: WSIT will return all weapons systems associated wit Searching by Description: WSIT will return all weapons systems which cont Searching by Type: WSIT will return all weapons systems of the specified by Use of wildcards is unnecessary.	h the specified service. ain the specified values in their description. pe.
<ul> <li>Please note that you can enter search criteria in more than one search f conditions. If your search does not yield the results you expected, please try</li> </ul>	leid; nowever, WSII will then only return results that satisfy all of the again using only one search criteria.
Follow the help LINK for more examples and documentation.	
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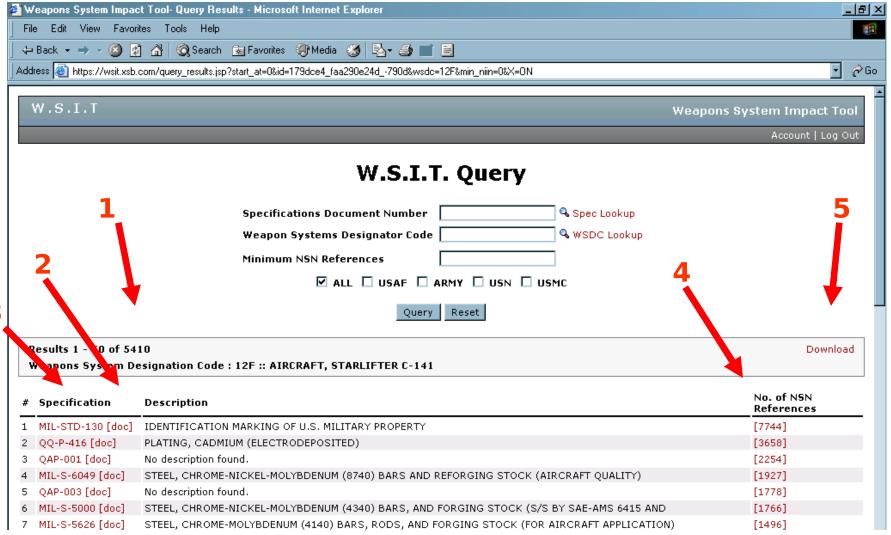






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Minimum NSN References	
✓ ALL □ USAF □ ARMY □ USN □ USMC	
Query Reset	
Help   Privacy Statement   Terms of Use   508 Compliance   Feedback	



Weapons System Impact Tool - Spec Lookup - Microsoft	Internet Explorer	
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Document Id	mil-m-38510	
Document Number  Document Description		
	Search	
Notes:		

- Searching by Document Id: WSIT will return all documents that have a Document Id beginning with or exactly matching the specified search value.
- Searching by Document Number: WSIT will return all documents with the specified series.
- Searching by Description: search will return all documents which contain the specified words in their document title.
- Use of wildcards is unnecessary; they are added automatically.

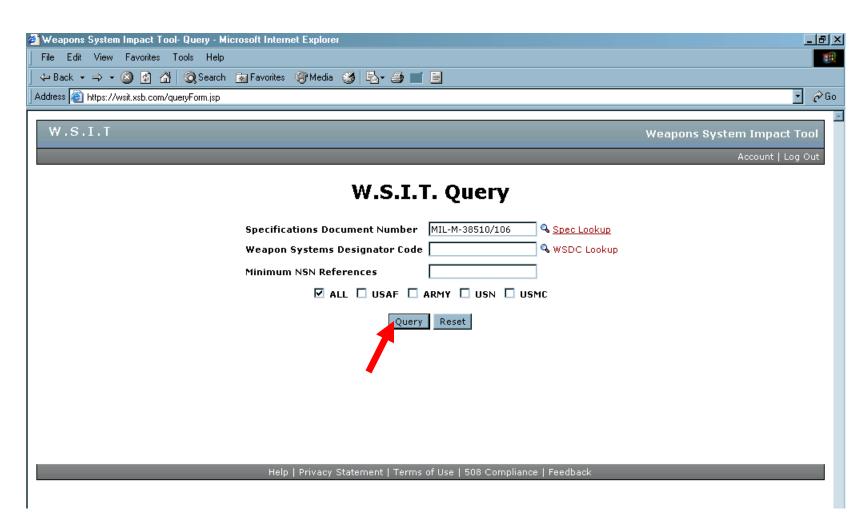
#### Examples:

- Find all FED STD specs: Enter "FED-STD" in the document id field
- Find all FED STD spec assoicated with batteries: Enter "FED-STD" in the document id field and "battery" in the document title field.
- Find all specs with document number 916: Enter "916" in the document number field
- Find all specs associated with organic coatings: Enter "organic coatings" in the document title field
- Please note that you can enter search criteria in more than one search field; however, WSIT will then only return results that satisfy all of the
  conditions. If your search does not yield the results you expected, please try again using only one search criteria.
- Follow the help LINK for more examples and documentation.



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Do	cument Id cument Number cument Description	Search		
S <sub>I</sub>	pecifications with do	cument id like : MIL-M-38510*  Description	327 result(s) found.	
1	MIL-M-38510 [doc]	MICROCIRCUITS, GENERAL SPECIFICATION FOR		
2		MICROCIRCUITS, DIGITAL, TTL, NAND GATES, MONOLITHIC SILICON		
3	MIL-M-38510/10 [doc]	MICROCIRCUIT, DIGITAL, BIPOLAR, TTL, DECODERS, MONOLITHIC SILICON		
4	MIL-M-38510/101 [doc]	MICROCIRCUITS, LINEAR, OPERATIONAL AMPLIFIER, MONOLITHIC SILICON		
5	MIL-M-38510/102 [doc]	MICROCIRCUITS, LINEAR, VOLTAGE REGULATOR, MONOLITHIC SILICON		
6	MIL-M-38510/103 [doc]	MICROCIRCUITS, LINEAR, VOLTAGE COMPARATORS, MONOLITHIC SILICON		
7	MIL-M-38510/104 [doc]	MICROCIRCUITS, LINEAR, LINE DRIVERS AND RECEIVERS MONOLITHIC SILICON		
8	MIL-M-38510/105 [doc]	MICROCIRCUITS, LINEAR, CMOS, HIGH LEVEL ANALOG SWITCH WITH DRIVER, MONOLITHIC SILICON		
9	MIL-M-38510/106 [doc]	MICROCIRCUITS, LINEAR, VOLTAGE FOLLOWER OPERATIONAL AMPLIFIERS, MONOLITHIC SILICON		
10	MIL-M-38510/107 [doc]	MICROCIRCUITS, LINEAR, POSITIVE, VOLTAGE REGULATORS, MONOLITHIC SILICON		
11	MIL-M-38510/108 [doc]	MICROCIRCUITS, LINEAR, TRANSISTOR ARRAYS, MONOLITHIC SILICON		
12	MIL-M-38510/109 [doc]	MICROCIRCUITS, LINEAR, PRECISION TIMERS, MONOLITHIC SILICON		







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# Weapons System Designator Code	Description	No. of NSN References		
1 16N	AIRCRAFT, VIKING S-3B	[1]		
2 63N	AIRCRAFT, ORION P-3	[1]		
3 AVN	RADAR, SERIES AN/SPS-49(V)	[1]		
4 BDN	MISSILE, AIR-TO-AIR, SPARROW (AIM-7)	[1]		
5 BEN	MISSILE, ALL-WEATHER ANTI-SHIP, HARPOON (AGM-84)	[1]		
6 BKN	NON-TRIDENT EXTERIOR COMMUNICATION			
7 BPN	BPN AIRCRAFT, C-2A (REPROCURED)			
8 BRN	RADIO TERMINAL SET, AN/SRQ-4	[1]		
9 BUF	ENGINE, AIRCRAFT, F100-PW-200 (F-16A/B/C/D)	[1]		
10 BYN	TACTICAL DATA SYSTEM, AN/UYA-4(V)	[1]		



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Specifications Document Number  Weapon Systems Designator Code  Minimum NSN References  ALL USAF ARMY USN USMC	
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Weapons System Impact Tool - Spec Lookup - Microsoft Internet Explorer	<u>_ 6 </u> ×		
Specificaton Number Lookup	close		
Document Id  Document Number  Document Description	38510  		
Notes:  Searching by Document Id: WSIT will return all documents that have a Document Id beginning with or exactly matching the specified search value. Searching by Document Number: WSIT will return all documents with the specified series. Searching by Description: search will return all documents which contain the specified words in their document title. Use of wildcards is unnecessary; they are added automatically.			
Examples :			
<ul> <li>Find all FED STD specs:Enter "FED-STD" in the document id field</li> <li>Find all FED STD spec assoicated with batteries: Enter "FED-STD" in the document id field and "battery" in the document title field.</li> <li>Find all specs with document number 916:Enter "916" in the document number field</li> <li>Find all specs associated with organic coatings:Enter "organic coatings" in the document title field</li> </ul>			
<ul> <li>Please note that you can enter search criteria in more than one search field; however, WSIT will then only return results that satisfy all of the conditions. If your search does not yield the results you expected, please try again using only one search criteria.</li> </ul>			
Follow the help LINK for more examples and documentation.			
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2	MIL-M-0038510/2 [doc]	MICROCIRCUIT, DIGITAL, TTL, FLIP-FLOPS MONOLITHIC SILICON		
3	MIL-M-0038510/20 [doc]	MICROCIRCUIT, DIGITAL, TTL, LOW POWER NAND GATES, MONOLITHIC SILICON		
4	MIL-M-0038510/22 [doc]	MICROCIRCUIT, DIGITAL, TTL, HIGH-SPEED FLIP-FLOPS, MONOLITHIC SILICON		
5	MIL-M-0038510/23 [doc]	MICROCIRCUIT, DIGITAL, TTL, HIGH SPEED, NAND GATES, MONOLITHIC SILICON		
6	MIL-M-0038510/26 [doc]	0038510/26 MICROCIRCUIT, DIGITAL, TTL, LOW POWER, EXCLUSIVE OR GATES, MONOLITHIC SILICON		
7	MIL-M-0038510/27 [doc]	MICROCIRCUIT, DIGITAL TTL, LOW-POWER, MULTIPLE NOR GATES, MONLITHIC SILICON		
8	MIL-M-38510 [doc]	MICROCIRCUITS, GENERAL SPECIFICATION FOR		
9	MIL-M-38510/1 [doc]	MICROCIRCUITS, DIGITAL, TTL, NAND GATES, MONOLITHIC SILICON		
10	MIL-M-38510/10 [doc]	MICROCIRCUIT, DIGITAL, BIPOLAR, TTL, DECODERS, MONOLITHIC SILICON		
11	MIL-M-38510/101 [doc]	MICROCIRCUITS, LINEAR, OPERATIONAL AMPLIFIER, MONOLITHIC SILICON		
12	MIL-M-38510/102 [doc]	MICROCIRCUITS, LINEAR, VOLTAGE REGULATOR, MONOLITHIC SILICON		
13	MIL-M-38510/103 [doc]	MICROCIRCUITS, LINEAR, VOLTAGE COMPARATORS, MONOLITHIC SILICON		
14	MIL-M-38510/104	MICROCIRCUITS, LINEAR, LINE DRIVERS AND RECEIVERS MONOLITHIC SILICON		

 ${\tt MICROCIRCUITS, LINEAR, CMOS, HIGH\ LEVEL\ ANALOG\ SWITCH\ WITH\ DRIVER,\ MONOLITHIC\ SILICON}$ 

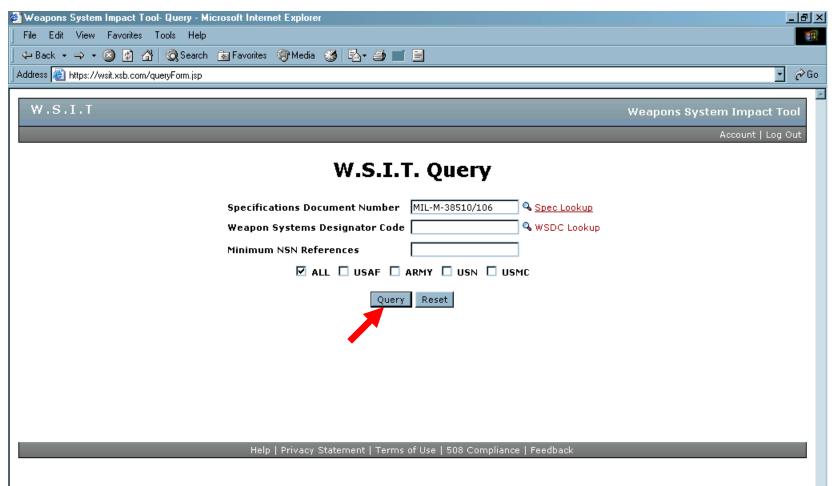
MICROCIRCUITS, LINEAR, VOLTAGE FOLLOWER OPERATIONAL AMPLIFIERS, MONOLITHIC SILICON

[doc]

MIL-M-38510/105 [doc]

MIL-M-38510/106





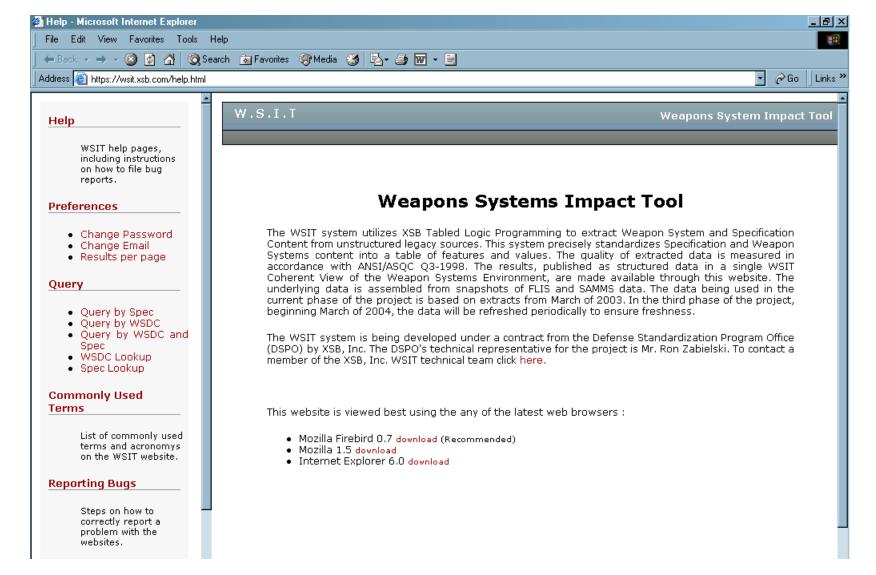


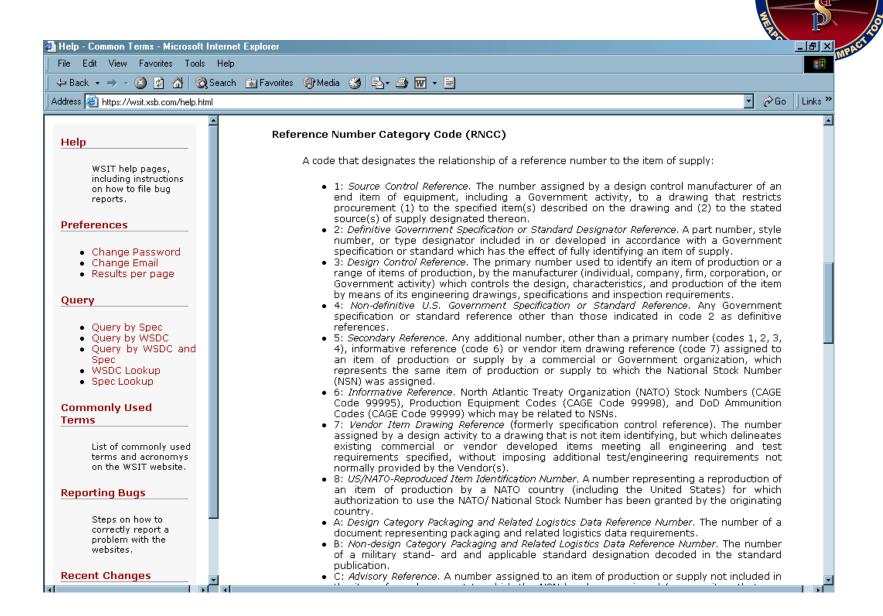
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# Weapons System Designato	r Code D	escription	No. of NSN References
1 16N	А	IRCRAFT, VIKING S-3B	[1]
2 63N	A	IRCRAFT, ORION P-3	[1]
3 AVN	R	ADAR, SERIES AN/SPS-49(V)	[1]
4 BDN	М	ISSILE, AIR-TO-AIR, SPARROW (AIM-7)	[1]
5 BEN	М	ISSILE, ALL-WEATHER ANTI-SHIP, HARPOON (AGM-84)	[1]
6 BKN	N	ON-TRIDENT EXTERIOR COMMUNICATION	[1]
7 BPN	А	IRCRAFT, C-2A (REPROCURED)	[1]
8 BRN	R	ADIO TERMINAL SET, AN/SRQ-4	[1]
9 BUF	EI	NGINE, AIRCRAFT, F100-PW-200 (F-16A/B/C/D)	[1]

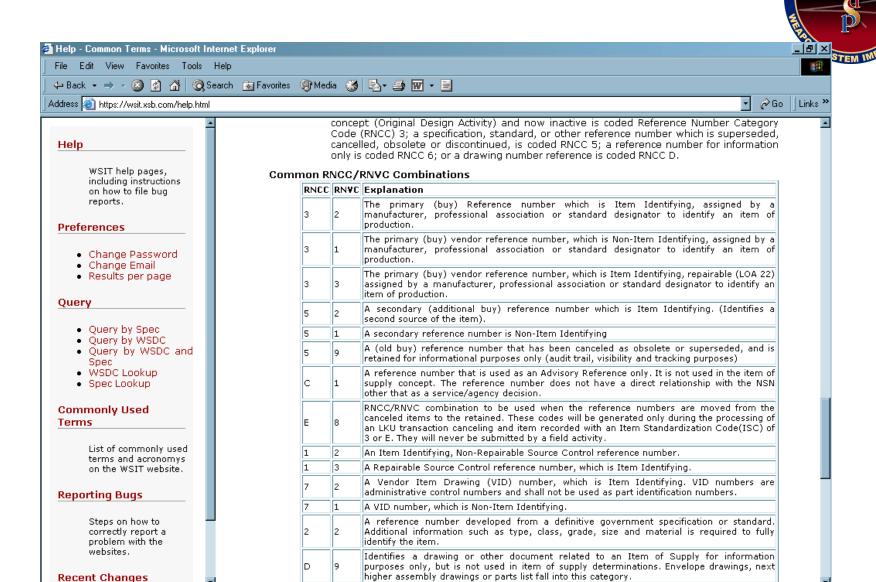


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Specifications Document	Number : MIL-M-38510/106 :: MICROCIRC ystem Designation Code : 16N :: AIRCRAFT,		
# Federal Supply Code (FSC)	National Item Identification Number (NIIN)	Relationship {RNCC,RNVC}	Source
1 5962	011279563		Technical Characteristics
2		{4,1} Non definitive specification or standard	FLIS Segment C: Reference Number Cage Data
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#### Looking Ahead



- Auditability of the data trail
  - WSIT will display the link to the source data to show the Spec extraction in context
  - Look at the possibility of accessing procurement data
- Completeness
  - Expand the WSIT data sources to include service data such as
    - Navy SNAPSHOT
    - Army ARTIS
    - Air Force API
- Currency
  - Refresh the current data and design methods to ensure the source data is constantly refreshed.
  - Keep track of superseded specifications
- Usability
  - Improve the WWW site to include expanded NSN searching
  - Better filtering and sorting of results
  - Batch querying
  - Closer integration with ASSIST